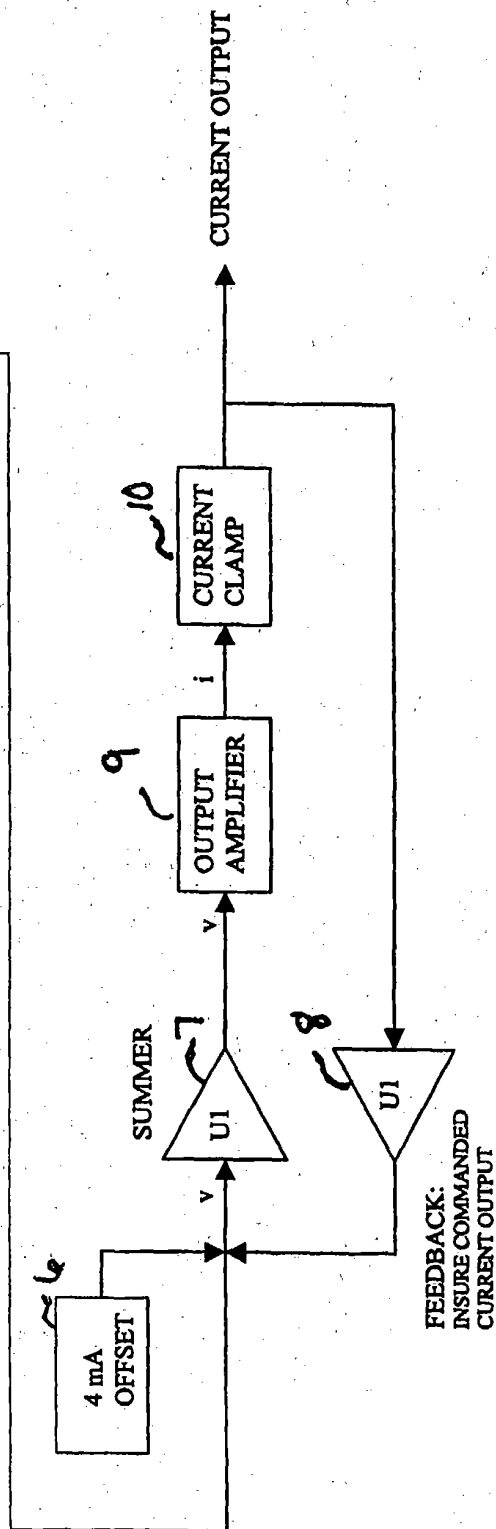
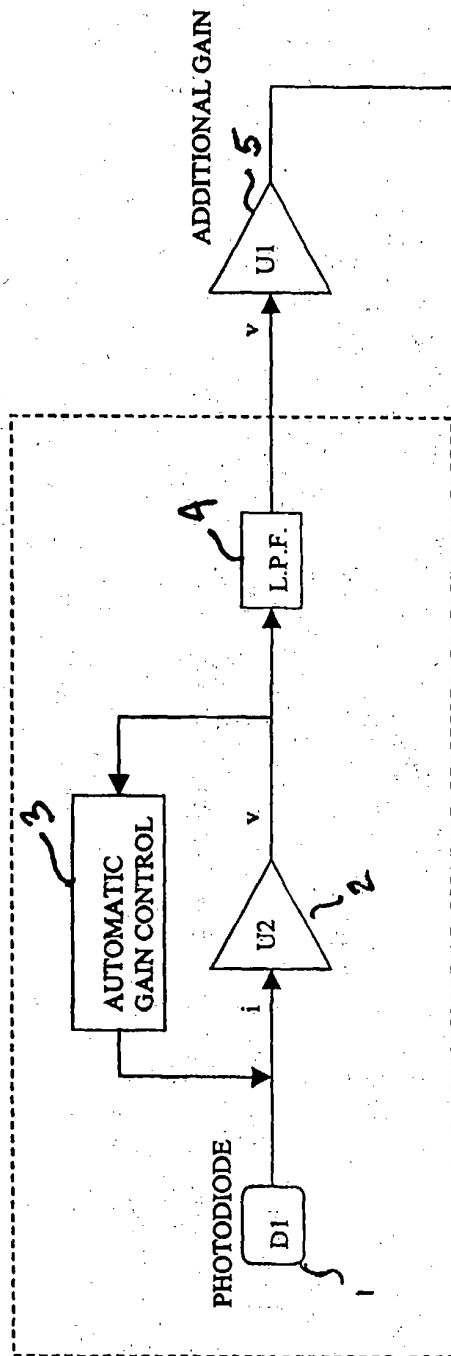


Flame Sensor Functional Block Diagram

FIG. 1

DETECTOR BOARD



L = virtual ground

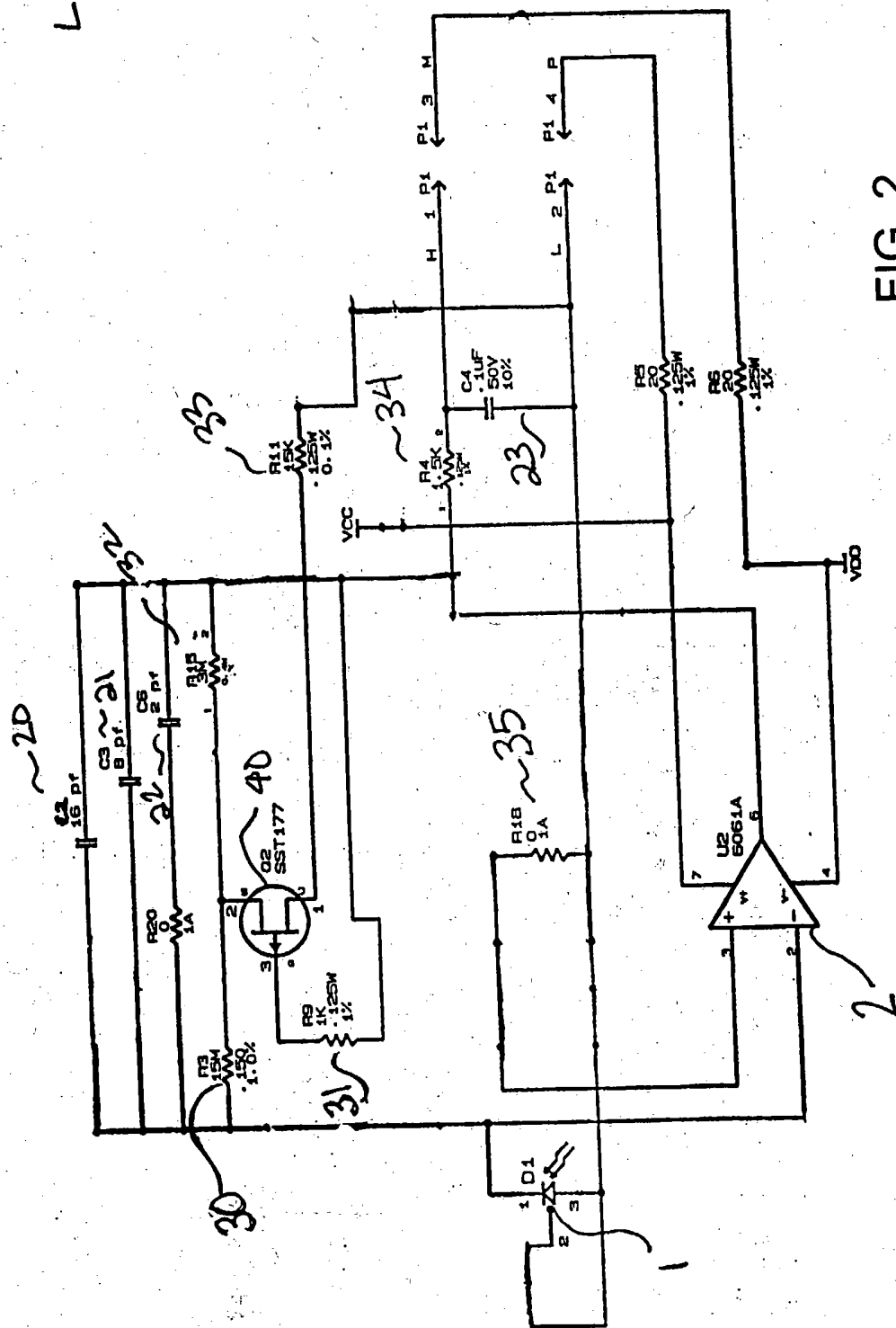


FIG. 2

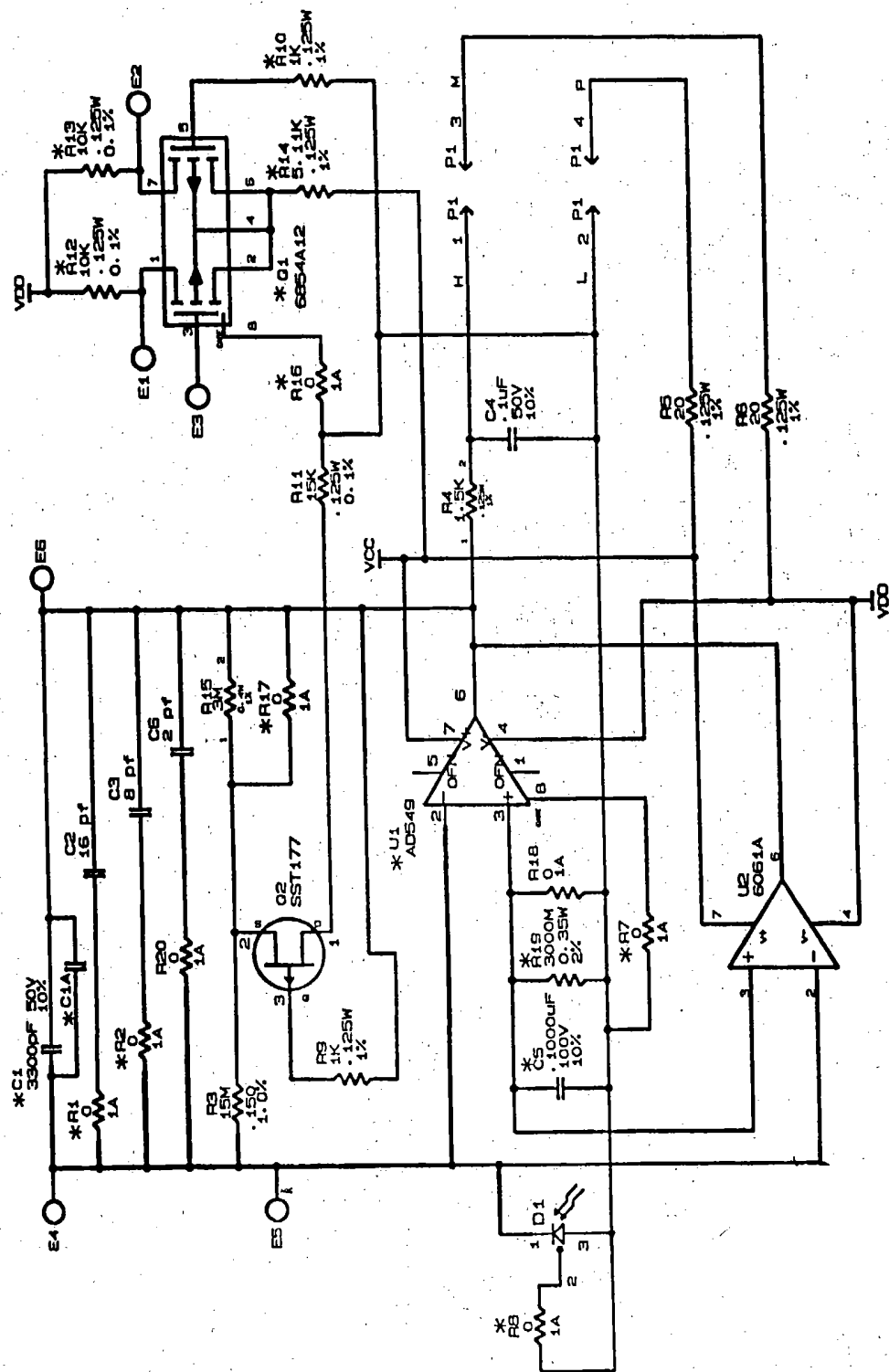
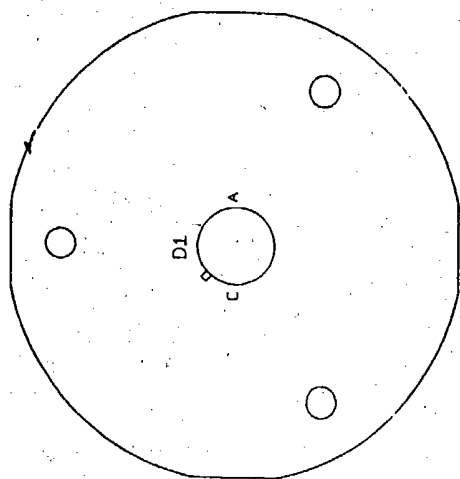
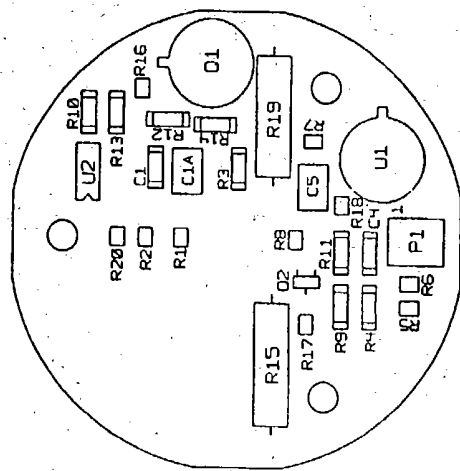


FIG. 3

FIG. 4



SECONDARY



PRIMARY

FIG. 5

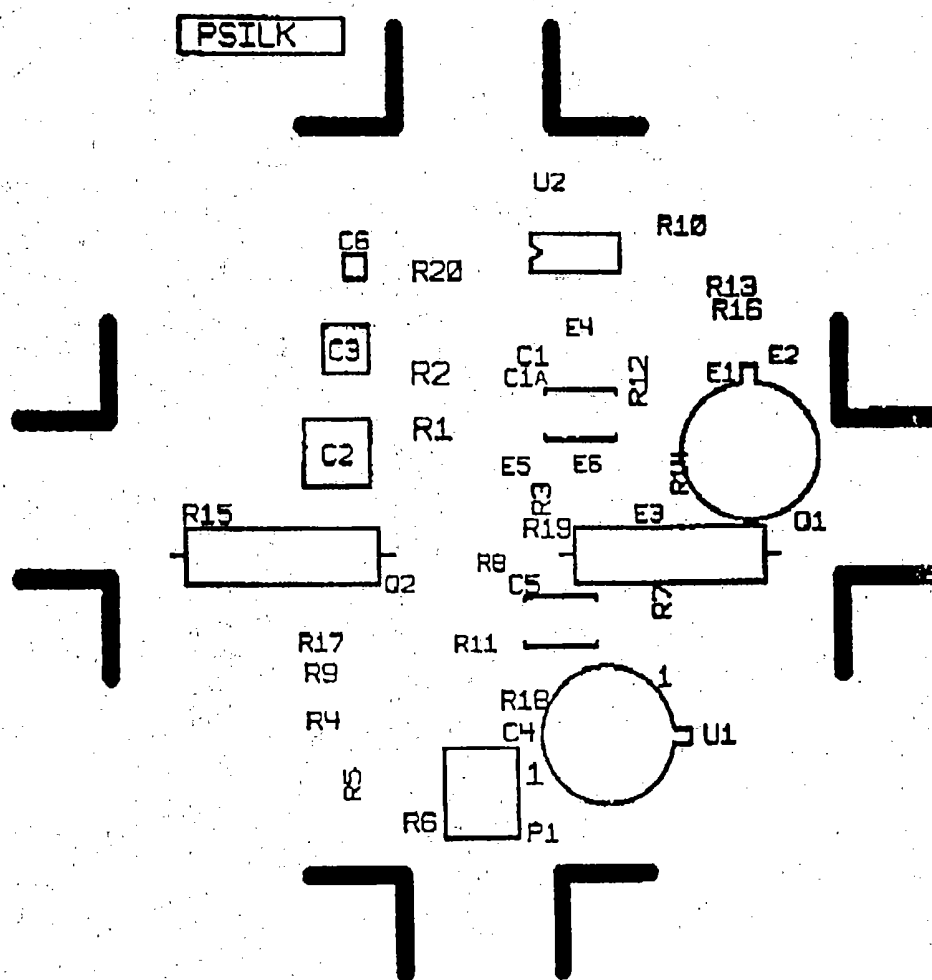


FIG. 6

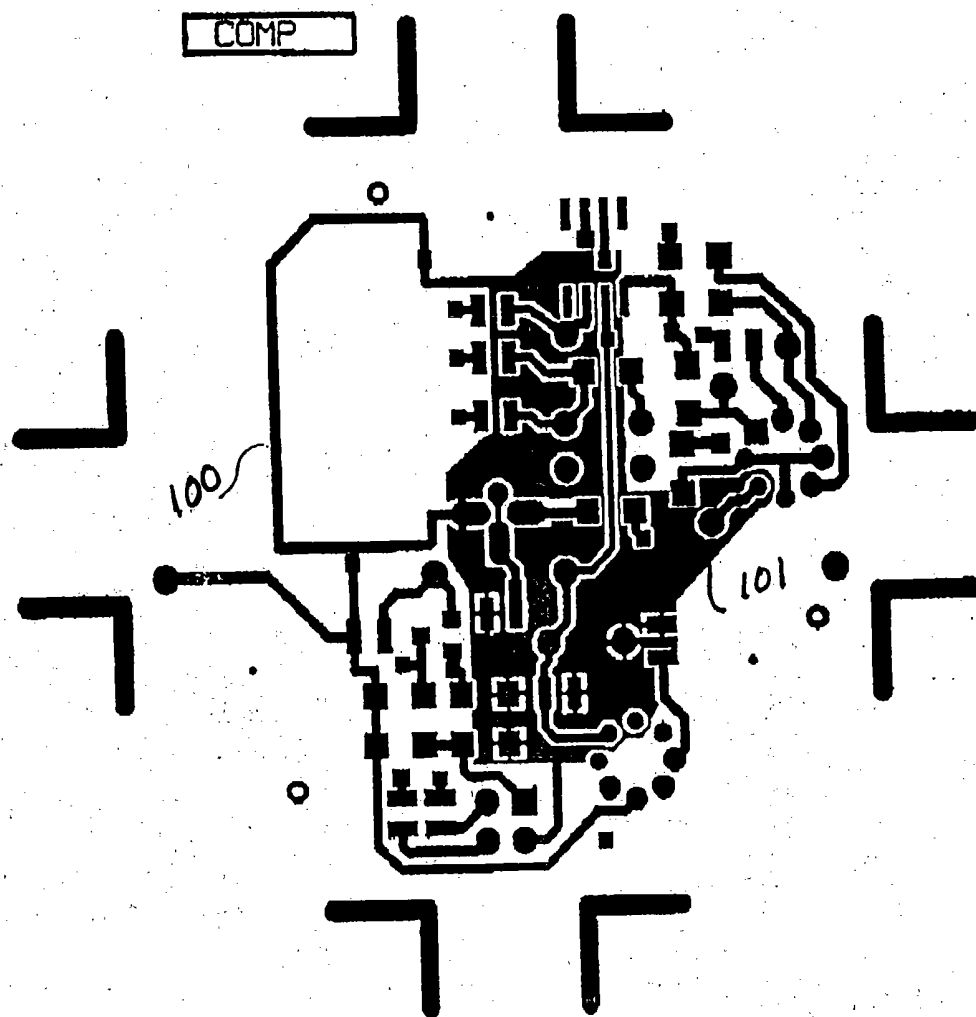


FIG. 7

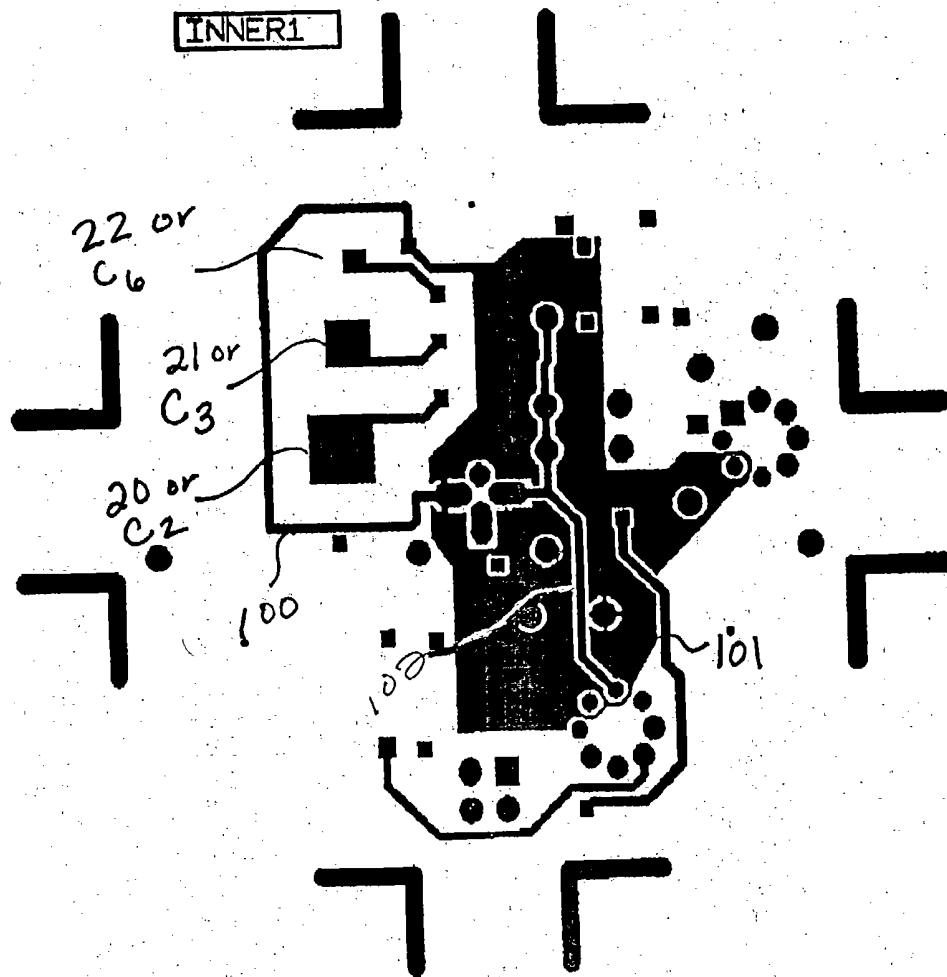


FIG. 8

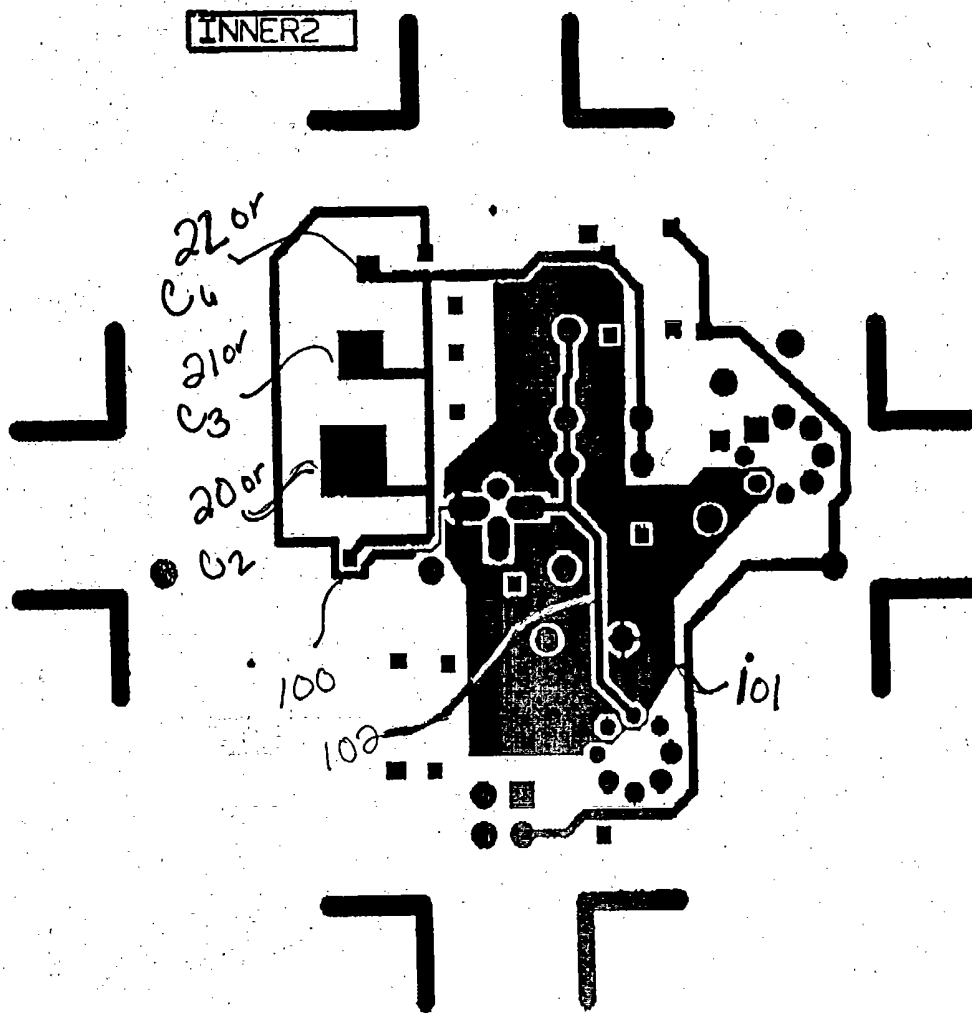


FIG. 9

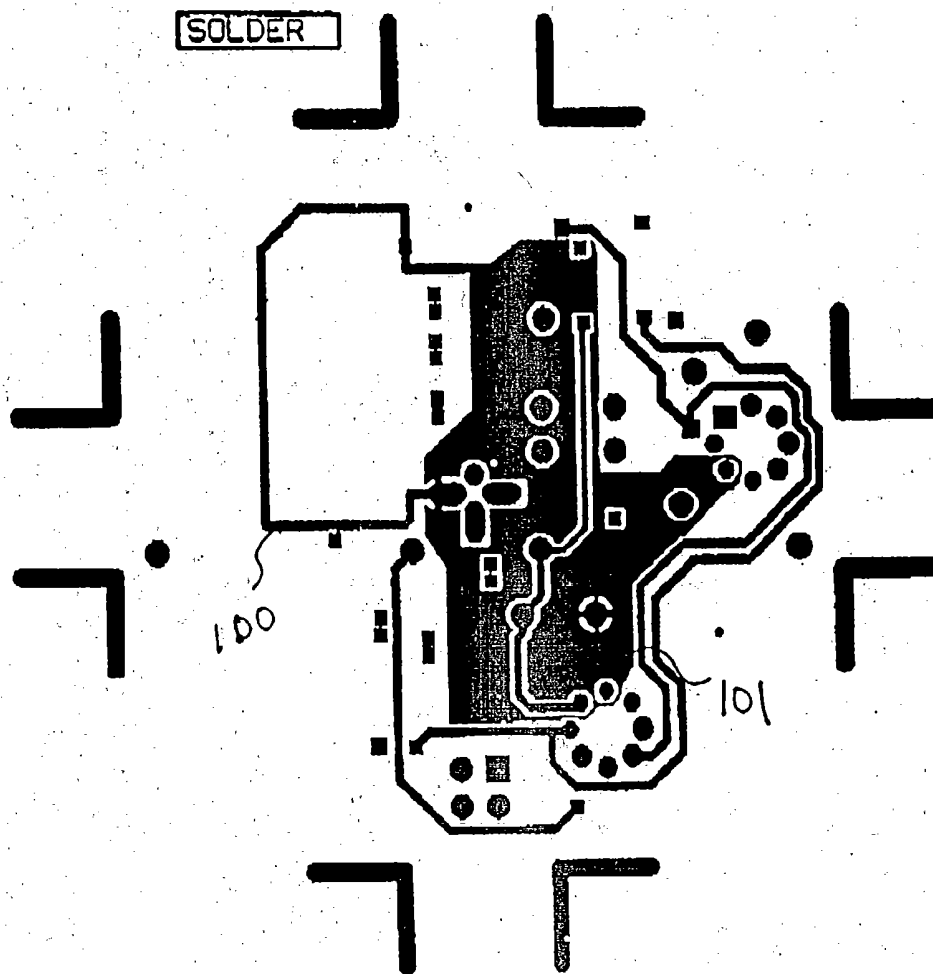
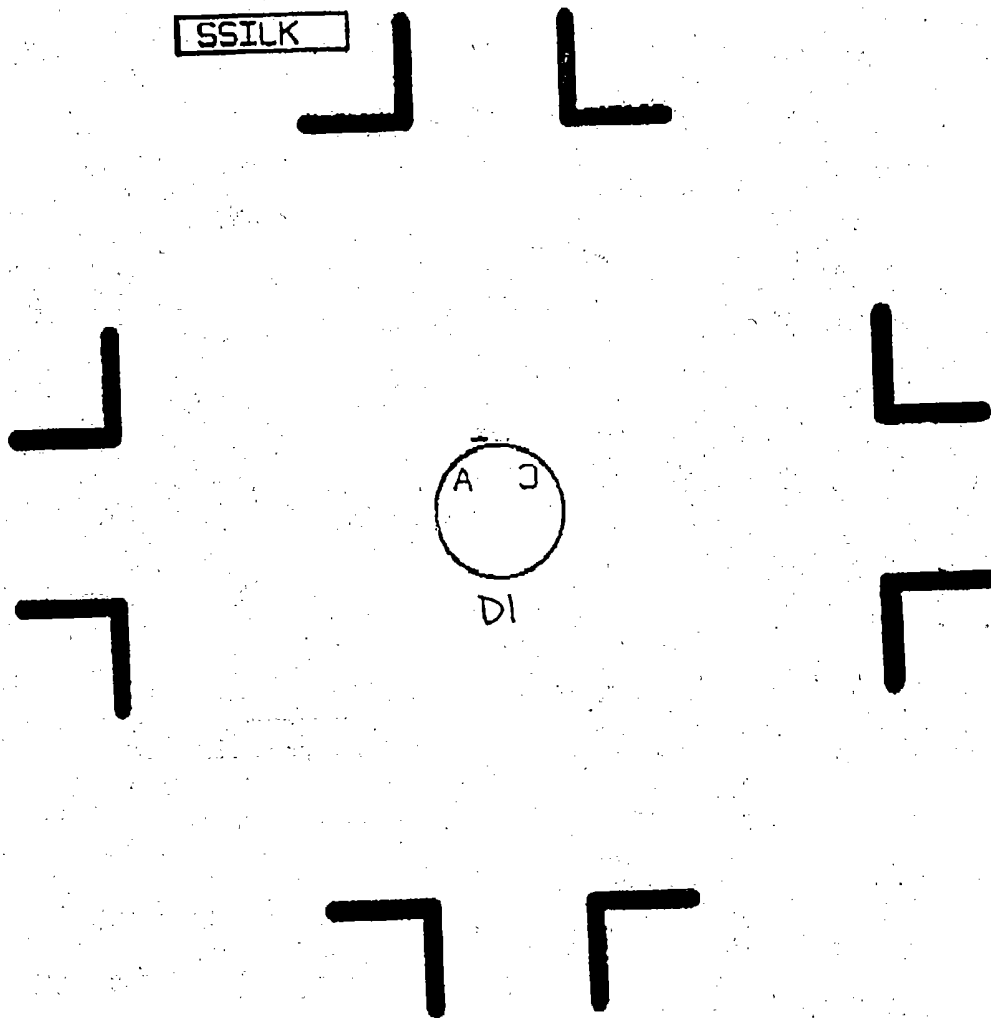
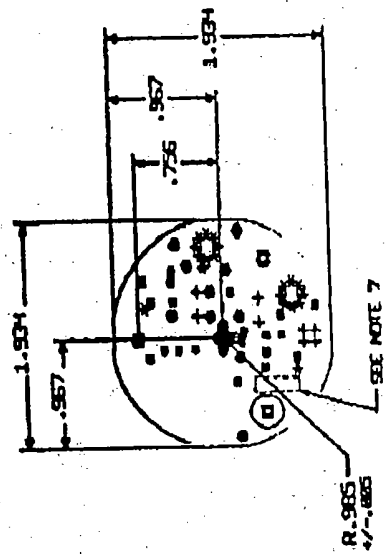


FIG. 10





VIEW B
LAYER DIAGRAM

LAYER 1 - CDP	PROTYP
LAYER 2 - I1	DRAW 1
LAYER 3 - I2	DRAW 2
LAYER 4 - SLUR	SECONDARY

LAYERS 1 & 2 - 1 OZ./SQ. FT. COPPER, FINISHED
LAYERS 3 & 4 - 1 OZ./SQ. FT. COPPER

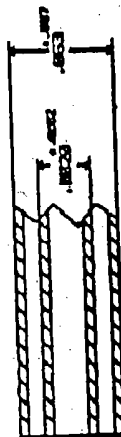


FIG. 11

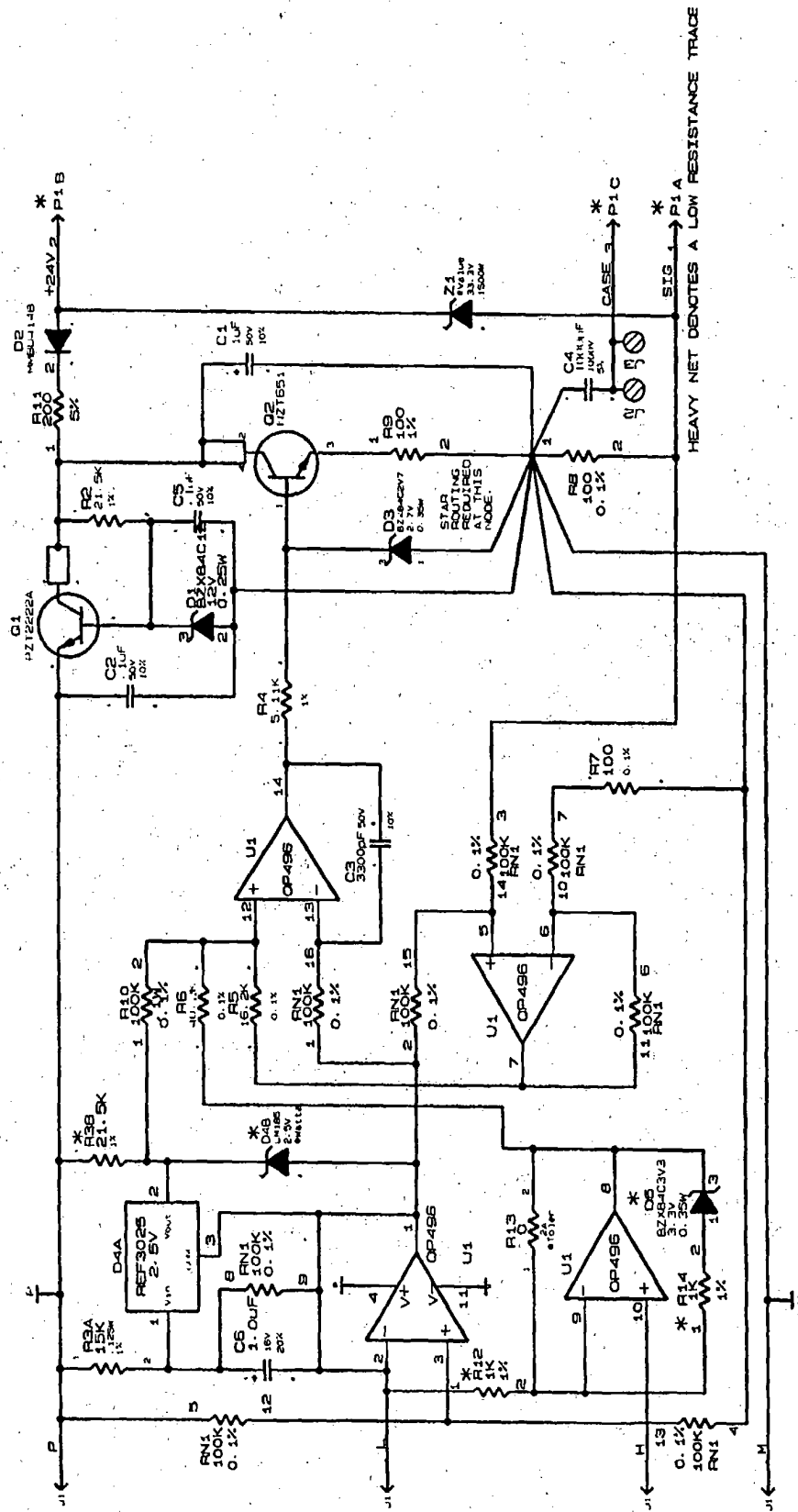
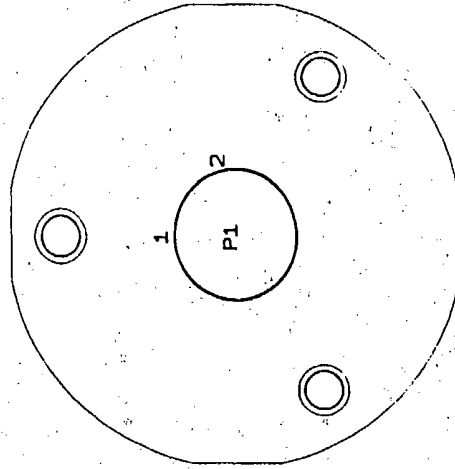
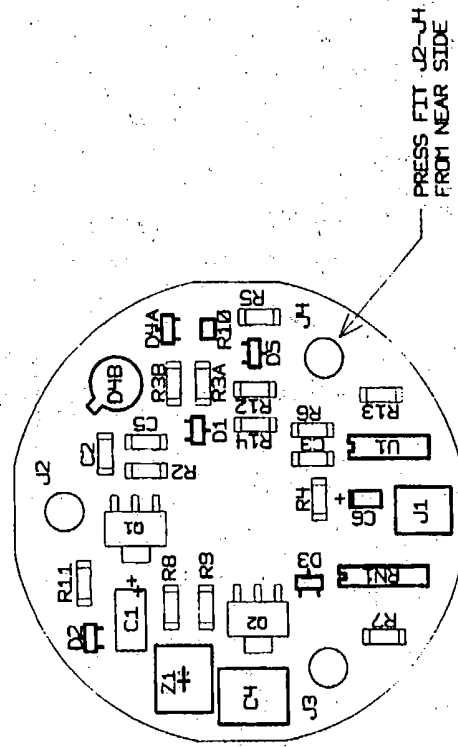


FIG. 12

FIG. 13



SECONDARY SIDE



PRIMARY SIDE

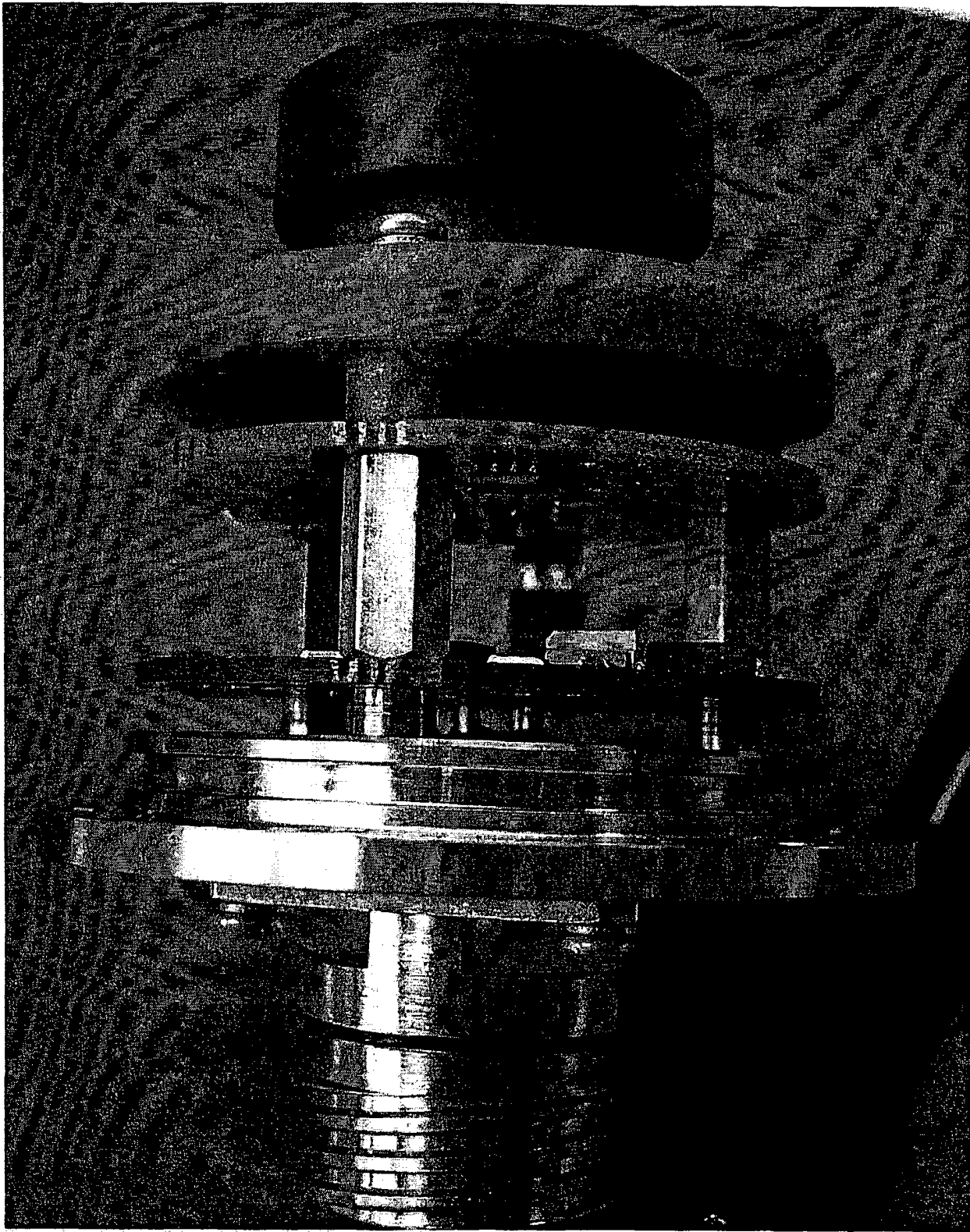


FIG. 14

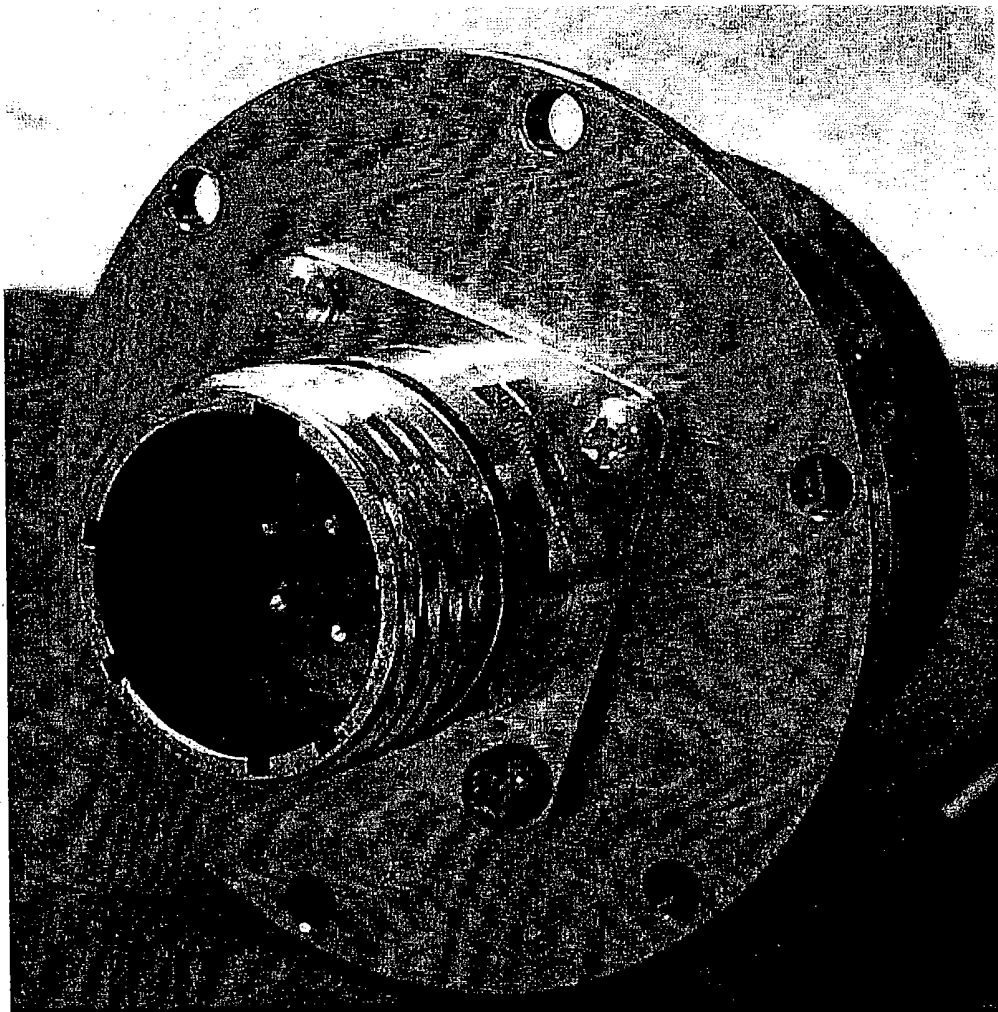


FIG. 15



FIG. 16

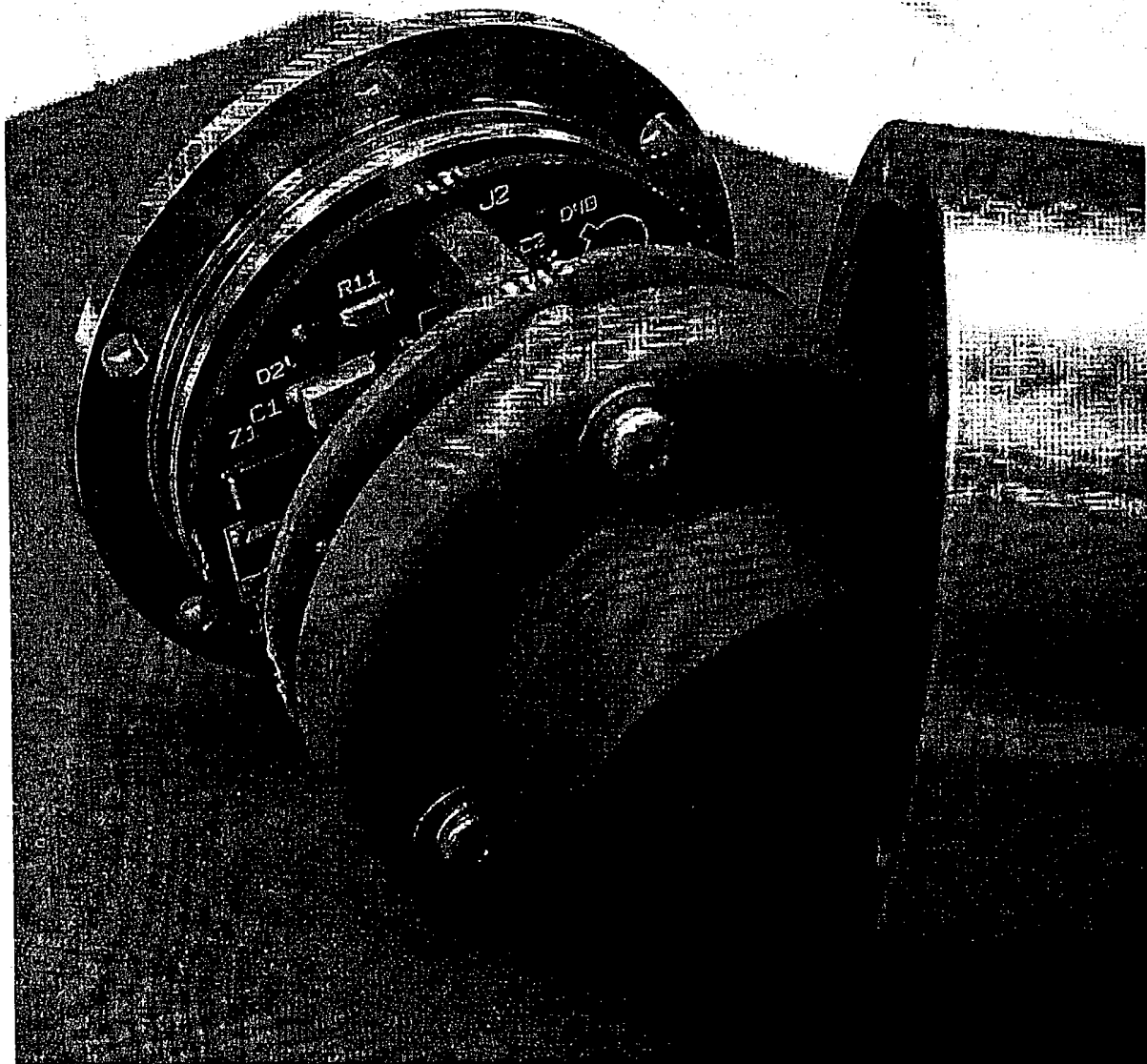


FIG. 17